

DIGITLE THROTTLE FOR MULTIPLE OPERATING POINTS

Abstract of the Disclosure

A processor includes a digital throttle to monitor the activity of various units of the processor's instruction execution pipeline. The monitored activity is scaled according to the current operating point of the processor and a power state is determined from the scaled activity. If the power state reaches a first threshold, the operating point of the processor is adjusted and a new scaling factor is selected to determine the power state.

TOP SECRET - EYES ONLY